

DK-US045254



IFW  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Yoshitaka SHIBAMOTO et al.

Patent Art Unit: 3744

Serial No.: 10/517,144

Filed: December 7, 2004

For: DISCHARGE VALVE MECHANISM FOR:  
VARIABLE DISPLACEMENT  
COMPRESSOR

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents  
Washington, DC 20231

Sir:

In accordance with MPEP 609 and 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant brings the references listed on the attached PTO-1449-Form to the Examiner's attention and request that they be considered and made of record in this application. Copies of the non-U.S. patents are attached.

I hereby certify that each item of information in the Information Disclosure Statement filed herewith was cited for the first time in any communication from a foreign patent office in any counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. A copy of European Search Report of the corresponding European Application No. 04717873.6 is attached hereto.

Japanese Laid Open Publication No 56-060882 appears to disclose a compressor having a movable float and a discharge valve with a discharge port. An English abstract is attached to better understand this publication.

Japanese Laid Open Publication No 57-168085 appears to disclose a compressor having a valve stopper and a flapper valve. An English abstract is attached to better understand this publication.

Japanese Laid Open Publication No 59-218393 appears to disclose a discharge compressor having a branched valve with discharge holes. An English abstract is attached to better understand this publication.

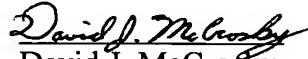
Japanese Laid Open Publication No 61-244883 appears to disclose a discharge valve of a compressor. An English abstract is attached to better understand this publication.

Japanese Laid Open Publication No 03-175174 appears to disclose a valve device having suction ports and a reed valve. An English abstract is attached to better understand this publication.

*No fee is believed to be required in view of the above certification.* However, Applicants authorize the Commissioner of Patents and Trademarks to charge payment of the Petition fee Under 37 C.F.R. §1.17(p) *if required* and any other fees associated with this communication or credit any overpayment to Deposit Account No. 50-1836.

Prompt examination on the merits is respectfully requested.

Respectfully submitted,

  
David J. McCrosky  
Reg. No. 56,232

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Dated: March 7, 2006  
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Substitute for form 1449A/PTO

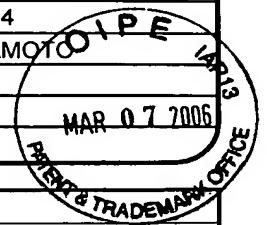
## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet	1	of	1
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**Complete if Known**

Application Number	10/517,144
Filing Date	December 7, 2004
First Named Inventor	Yoshitaka SHIBAMURA
Group Art Unit	3744
Examiner Name	
Attorney Docket Number	DK-US045254



## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		JP56-060882	5/26/1981	Yoshida		No
		JP57-168085	10/16/1982	Maruyama et al.		No
		JP59-218393	12/8/1984	Abe et al.		No
		JP61-244883	10/31/1986	Sasano		No
		JP03-175174	7/30/1991	Sasano et la.		No
		JP06-330864	11/29/1994	Ishibashi et al.		Yes
		EP1002951	5/24/2000	Sawson et al.		Yes

**Examiner  
Signature**

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231**